

Please email inquires to: ORDERS@PSL.NMSU.EDU

WFF93 PCM Encoder Components (Flight)

Additional fees will apply for configuration and test of WFF93 Encoder Products
Configuration and test fees will be returned as part of official RFQ.

Analog - 32 Channel	017760-1
Analog - 32 Channel Thermistor	017760-2
Analog - 4 Channel Remote A to D	017760-3-1
Analog - 4 Channel Remote A to D	017760-3-3
Analog - 8 Channel Differential/Octal	017760-4
Analog - 24 Channel Low Level (Basic)	017760-5-1
Analog - 24 Channel Low Level (w/Gain OR Filter Mod.)	017760-5-2
Analog - 24 Channel Low Level (w/Gain PLUS Filter Mod.)	017760-5-3
Clock Buffer/Driver	017760-6
Command Decoder	017760-7
Command UHF Receiver	017760-8
Control - Standard	017760-9
Control - OCXO1	017760-10
Control - Differential	017760-11
Control - HDD2	017760-12
Counter	017760-13
Filter	017760-14
GPSI (GPS Interface Deck & Lid Upgrade)	017760-15F
IMU	017760-18
Lance SigCond Deck (SC4) **DISCONTINUED**	017760-19
Parallel	017760-22
LVDS Parallel Differential	017760-23-1
Parallel Differential	017760-23-2
Power Supply OptoBase (Includes Standard Lid)	017760-26
Pyro Relay - Single	017760-28-1
Pyro Relay - Dual	017760-28-2
Pyro Relay - Triple	017760-28-3
Pyro Relay - Quad	017760-28-4
Retransmit (Memory)	017760-29
RS232/422	017760-30
RS232/422 (supports 25K baud)	017760-30-1
RS232 Decode (w/1 Microprocessor)	017760-31-1
RS232 Decode (w/2 Microprocessors)	017760-31-2
Serial - Standard	017760-32-1
Serial - High Speed	017760-32-2
Serial FIFO	017760-33
Solid State Recorder	017760-34
Thermocouple	017760-35
Timer	017760-41
Time Event - Standard (Original w/ 2 Simple Ch. and 2 Alt. Ch.)	017760-37-1
Time Event - High Speed (Original w/ 2 Simple Ch. and 2 Alt. Ch.)	017760-37-2
Time Event - Standard (4 Simple Ch. No Reset)	017760-37-3
Time Event - High Speed (4 Simple Ch. No Reset)	017760-37-4
Time Event - Standard (4 Simple Ch. w/Reset)	017760-37-5
Time Event - High Speed (4 Simple Ch. w/Reset)	017760-37-6
Vibrometer	017760-38
Video Compression Set (Analog Deck)	017760-39
Video Compression Set (Digital Deck)	017760-40
WFF93 GPSR Lid	017626-1
WFF93 Conformal Coating Option (per Board)	
WFF93 System Configuration	

MV PCM Encoder Components (Flight)

Powerbase 14 MHz Premod Filter	017761-1A-7
Powerbase 10_5 MHz Premod Filter	017761-1A-8
Powerbase 7 MHz Premod Filter	017761-1B-8
Powerbase No Premod Filter	017761-1B-9
Powerbase No Premod Filter with ADSU	017761-1B-11
Control	017761-2
4 Ch Analog	017761-3
8 Ch Analog	017761-4
Signal Conditioning	017761-5
ADSU	017761-6
Parallel Differential 12 bit input	017761-7-1
Parallel Differential 16 bit input	017761-7-2
Control Differential	017761-8-1
Control Differential	017761-8-2
Black Power Deck	017761-9-1
Black Power Deck	017761-9-2
Black Power II	017761-10
MV Conformal Coating Option (per Board)	
MV System Configuration	

Flight Hardware

4.2 AH, 28.8V, 24 Cell, Battery Pack	017640
4.2 AH, 30. *D0V, 25 Cell, Battery Pack **DISCONTINUED**	017774
4.2 AH, 30.0V, 25 Cell, Battery Pack, Lightened	017823
Delay Line Module	017677
H06 Lanyard Switch	017665
Mini Power Control Board	017832
Power Control Board III (3 Inhibit version)	017769-2-3INH
Power Control Board III (4 Inhibit version)	017769-2-4INH
Thermal Block TB06	017679

Ground Hardware

Remote Payload GSE (RPG) Unit	017763
Remote Payload GSE (RPG) Programming Plus Kit	017763
Remote Payload GSE (RPG) Fiber Converter (Single)	017763
Remote Payload GSE (RPG) Fiber Converter (Dual)	017763
Remote Payload GSE (RPG) Failsafe Unit & Remote	017801
TDAS - Rack Mount Unit (RTS)	
TDAS - Transportable System (TTS) - Includes Shipping Container	
TDAS - Removable Disk Drive (RDD)	
Bit Sync Option Board (AVR) - Includes Cable	
TDAS Fiber to TTL Converter	017864-2
TTL to Fiber Converter	017864-0200
PSL00 DAC Board	
PSL00 DAC Breakout Box	
PSL01 Decom Board - Includes Cables	017789
PSL03 LoggerSlim Board	017866
Digital Command Encoder	017694
Video Decompression Box	017516
WFF93 232 Test Box	
WFF93 Parallel Test Box	
WFF93 Serial Test Box	
WFF93 Timer Test Box	

Antennas

Harnesses are included with antenna orders except where stated.
RDP testing is included in Wrap Around (Arlon & Rogers) Antennas for frequencies that can be tested on-site.

UHF Spikes (2)	RS(S/T)(T/C)-xxxxL-dia-2
UHF Spikes (2) w/o Harness	RS(S/T)(T/C)-xxxxL-dia-2
UHF Quadraloop (2) - FTS System (Includes Hybrid Coupler HCSF61-425-90)	47TN-xxxxL-(17.26/38/52)-2
UHF Quadraloop (2)	QL(T/S)N-xxxx(L/H)-dia-2
UHF Quadraloop (2) w/o Harness	QL(T/S)N-xxxx(L/H)-dia-2
Command Receive Quadraloop (4)	QL(T/S)N-xxxx(L/H)-dia-4
CR Quadraloop (4) w/o Harness	QL(T/S)N-xxxx(L/H)-dia-4
UHF Hybrid Coupler	HCSF61-425-90
S-Band Quadraloop (2)	QL(T/S)(A/S)(N/P)-xxxxL-dia-2
S-Band Quadraloop (2) w/o Harness	QL(T/S)(A/S)(N/P)-xxxxL-dia-2
Arlon (14", 17", & 22")	MWSF25pdd-xxxx
Rogers (14", 17", & 22")	MWSF62pdd-xxxx
Arlon (14", 17", & 22")	MWSF25pdd-xxxx-yyyy
Rogers (14", 17", & 22")	MWSF62(57/58)pdd-xxxx-yyyy
LANCE 22" Rogers Broadband w/Side-Entry **DISCONTINUED**	MWESF6257pp22-xxxx-yyyy-BB100
ARAV-B Conical Rogers	MWSF6258ppp12.9-xxxx-yyyy-zzzz
Single Freq. Patch (1)	MPSF62p-xxxx-rr.r
Single Freq. Patch Array (2)	MPSF62p-xxxx-rr.r-2
Dual Frequency Patch (1)	MPSF6257pp-xxxx-yyyy-rr.r
Dual Frequency Stacked Patch (1)	MPSF6257pp-xxxx-yyyy-rr.r
Dual Frequency Patch Array (2)	MPSF6257pp-xxxx-yyyy-rr.r-2
Dual Frequency Patch Array (3.)	MPSF6257pp-xxxx-yyyy-rr.r-3
Antenna Hat for Patch Antenna or Quadraloop Antenna (1)	GPS L1, L2 Antenna Hat P/N 017528
Close Coupled Antenna	MK-13

Testing Services

Voltage Standing Wave Ratio	VSWR
Connector Pull Test (4 Connectors per Test)	CPT
Thermal Test (8 Cycles, Up to 4 Readings per Test)	TEMP
Vacuum Test at Ambient Temperature (4 Cycles, Up to 4 Readings per Test)	VAC
Post Test Analysis and Documentation (Per Test Line Item)	DOC
Radiate Distribution Pattern (Per Frequency Band)	RDP

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